

Title (en)

ECCENTRIC ROUNDEL STRUCTURE FOR COMPRESSING DIAPHRAGM PUMP WITH MULTIPLE EFFECTS

Title (de)

EXZENTER-RONDELLSTRUKTUR FÜR KOMPRIMIERENDE MEMBRANPUMPE MIT MEHRFACHWIRKUNG

Title (fr)

STRUCTURE DE RONDELLE EXCENTRIQUE POUR POMPE À DIAPHRAGME DE COMPRESSION À EFFETS MULTIPLES

Publication

EP 3146211 A4 20180214 (EN)

Application

EP 15796445 A 20150429

Priority

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Abstract (en)

[origin: WO2015179087A1] A cylindrical or inverted frustoconical eccentric roundel structure for a compressing diaphragm pump includes an annular positioning groove, a vertical or frustoconical flank and a sloped top ring extending between the annular positioning groove and the vertical or inverted frustoconical flank. By providing the sloped top ring, the oblique high frequency pulling and squeezing phenomenon that occurs in a conventional tubular eccentric roundel is completely eliminated.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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